

XP-002326504

L12 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN

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TI Preparation of O-methylisourea sulfate

IN Takeda, Makoto; Murotani, Masahiro; Shibafuchi, Hiroshi; Sasaki, Masanori

PA Nippon Carbide Kogyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKOKAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04089467	A2	19920323	JP 1990-199279	19900730
	JP 2915516	B2	19990705		
PRAI	JP 1990-199279		19900730		

AB The title compd. (I) is prepd. by treatment of O-methylisourea hydrogen sulfate with .apprx.1 equiv alk. compds. in liq. media. H2SO4 was added to a mixt. of MeOH and aq. cyanamide at 0-10.degree. over .apprx.3 h and CaCO3 was added to the soln. at 20-25.degree. over .apprx.3 h to give .apprx.70% I.

ST methylisourea sulfate prepn; isourea methyl sulfate prepn

IT Bases, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with methylisourea hydrogen sulfate)

IT \*\*\*52328-05-9P\*\*\* , O-Methylisourea hydrogen sulfate

RL: RCT (Reactant); SPN (Synthetic preparation); \*\*\*PREP  
(Preparation)\*\*\* ; RACT (Reactant or reagent)  
(prepn. and reaction of, with bases)

IT \*\*\*24285-39-0P\*\*\* , O-Methylisourea sulfate

RL: SPN (Synthetic preparation); \*\*\*PREP (Preparation)\*\*\*  
(prepn. of, by reaction of hydrogen sulfate salt with bases)

IT 7664-93-9, Sulfuric acid, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with cyanamide and methanol)

IT 67-56-1, Methanol, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with cyanamide and sulfuric acid)

IT 420-04-2, Cyanamide

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with methanol and sulfuric acid)

IT 471-34-1, Calcium carbonate, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with methylisourea hydrogen sulfate)

IT \*\*\*52328-05-9P\*\*\* , O-Methylisourea hydrogen sulfate

RL: RCT (Reactant); SPN (Synthetic preparation); \*\*\*PREP  
(Preparation)\*\*\* ; RACT (Reactant or reagent)  
(prepn. and reaction of, with bases)

RN 52328-05-9 CAPLUS

CN Carbamimidic acid, methyl ester, sulfate (2:1) (9CI) (CA INDEX NAME)

CM 1